

### PLANS FOR SNOW CREEK MILL.

#### Engineer Browne Will Finish Drawings This Week—Bids to be Called for at Once.

Foreman Holtz, of the Snow Creek mine, telephoned yesterday to General Manager Smith that he had struck fine ore in the crosscut on the west seventy-foot level. He stated that the ore is a red oxide and has every appearance of carrying high grade values. The Snow Creek group is steadily coming to the front as one of the important properties of the district. The vastness of its ore bodies and their substantial values are being demonstrated in a manner to place the Snow Creek in the class of gilt edged mining propositions.

Engineer Browne, of Browne & Smith, will finish the plans for the mill to be erected on the property within the next two or three months, this week. The plans are being drawn for a ten stamp double concentrating plant. Upon the completion of the plans they will be submitted for detailed bids, and the machinery will be ordered at the earliest moment possible. In the meantime operations at the mine will continue, and the work of blocking out ore preparatory to the installation of the plant will be carried rapidly forward. The present state of work clearly shows Snow Creek to be a fine property.

#### NEW AMALGAMATOR.

Company Organized for Manufacture and Machine Claimed to be a Success.

The Rex Manufacturing company, of Oakland, California, has recently been organized for the manufacture of the Palmer Amalgamator, a newly patented machine. It is described as follows:

It stands about four feet in height and is four feet square. It has a perpendicular cup cylinder at the upper end of which is a cup six inches deep by six inches across and the whole runs at a speed of 20,00 revolutions per minute. At the top of the cup on the inside is an iron band or flange about 3/8 of an inch thick by one inch in width, while on the outside is a conical shoulder four inches wide. Inside this cup is placed five pounds of quicksilver, which, as the cylinder revolves, is distributed upwardly toward the flange at the top. Tailings are fed to the cup through a spout and between this spout and the rim of the cup is a space of about an inch, leaving room for the water and slime to pass out after the gold has been taken up by the quicksilver. The principle is that all particles of gold and the fine gold is forced into contact with the quicksilver before reaching the flange at the top. When the motor power is shut off the amalgam falls to the bottom of the cup and is poured out. Around the cylinder is a wooden hood which compels the waste and water to pass away through a waste pipe. A two-h. p. motor will run the machine, using up three tons of pulverized ore per hour. Recently a machine was thoroughly tested at the Lightner mine near Angels Camp, and received a very high commendation from Mr. Alex Chambers the superintendent,

in which he said: "I can heartily recommend the amalgamator for a practical and saving device, where any free gold exists in the tailings, and should be of great value in handling high grade ore as it will recover every grain of free gold." The Rex Manufacturing company has lately been organized for the manufacture of these machines and is composed of some of the most prominent business men of Oakland. C. F. Solomonson, president, and Mr. Fred Whitney, secretary.

#### Provisioning His Company.

L. R. Bellman, of the Turnagain Arm company, returned last week from a trip to Seattle. He was forwarding supplies to the company in Alaska.

#### Free Seeds.

THE MINER is in receipt of a consignment of seeds from the Agricultural Department. Anyone desiring can obtain them at this office free of charge.

### MAC'S LUCK

#### HEARD FROM.

#### Directors of Company Meet and Decide to Extend Tunnel No. 2.

At a meeting of the directors of the Mac's Luck Gold Mining company held in the office of the company in this city Saturday, it was decided to extend tunnel No. 2 to crosscut the ledge, and prosecute further development work on the other claims of the group. The company has done over \$6,000 worth of development work with a most satisfactory showing. It has able financial backing, arrangements having been made with eastern capitalists to furnish all the funds necessary to carry forward development work. Operations will start up as soon as the roads are in a condition to permit supplies being sent in.

From numerous assays made good ore is being encountered at the present depth with every indication that values will increase in the lower workings. The extension of No. 2 tunnel will, for every foot and a half give a depth of one foot. The property is situated in the Deer Creek district, and with the neighboring properties which are to be operated this summer, Deer Creek will present a busy appearance.

#### Help Build Up The West.

The low rates from the east to the west and the northwest, February 15 to April 30, will undoubtedly bring out thousands of settlers. Where they will go is largely a question of inducement. If you are interested in securing any eastern people for your section of the west, send their names and addresses to the undersigned. All the facts and figures about the trip will be promptly sent them. H. S. Rowe, General Agent, Chicago, Milwaukee & St. Paul Railway, 134 Third Street, Portland, Ore.

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